

**BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE**

Name of the work: Improvements of roads and drains in main Road and Cross Roads at Doddabommasandra area roads in ward no 9 in Vidyanayapura sub Division (**Change of Work:** Improvements of roads and drains in main Road and Cross Roads at Krishna Temple Surrounding roads in ward no 9 in Vidyanayapura sub Division).

		Estimate Cost:						1000000.00	
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2 : Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3 Page No. 150 / Item No. 19.2/ PWD SR 2012-13	Cum							
	Krishna Temple Road		2	130.00	2.15	0.35	193.20		
	Krishna Temple Road parallel Road		2	140.00	2.00	0.35	196.00		
	Cross Road		2	155.00	2.00	0.35	217.00		
							606.20	81.00	49102.00
	Basic Rate	75.00							
	Area Weightage @8%	6.00							
	Total	81.00							
2	KSRRB 300-45: Scarifying stone metal crust 50mm to 100mm thick with pick axes along with premix carpet/surface dressing and stacking of old serviceable materials within a lead of 100 meters by manual means including cost of all labour charges complete as per specifications. MORTH chapter 3, No. 156 / Item No. 19.51/ PWD SR 2012-13	Sqm							
	Krishna Temple Road		1	130.00	4.80		624.00		
	Krishna Temple Road parallel Road		1	140.00	4.50		630.00		
	Cross Road		1	155.00	4.50		694.50		
							1948.50	35.91	69971.00
	Basic Rate	33.25							
	Area Weightage @ 8%	2.66							
	Total	35.91							
3	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications (P.167/I.20.18) PWD SR - 2012-13.	Cum							
	Krishna Temple Road		1	130.00	4.80	0.15	93.60		
	Krishna Temple Road parallel Road		1	140.00	4.50	0.15	94.50		
	Cross Road		1	155.00	4.50	0.15	104.18		
							292.28	1059.48	309665.00

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Basic Rate	981.00							
	Area Weightage @ 8%	78.48							
	Total	1059.48							
4	KSRRB 500-1.1 : Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries, curing complete as per specifications. Specification No. 500-1.3 (P.172 / I.21.1) PWDSR 2012-13	Sqm							
	Krishna Temple Road		1	130.00	4.80		624.00		
	Krishna Temple Road parallel Road		1	140.00	4.50		630.00		
	Cross Road		1	155.00	4.50		694.50		
							1948.50	9.29	18098.00
	Basic Rate	8.60							
	Area Weightage @ 8%	0.69							
	Total	9.29							
5	KSRRB M500-6: Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH specification NO. 502, Page No. 172/ Item No. 21.6/ PWD SR 2012-13	Sqm							
			Qty Vide Item No. 4				1948.50		
							1948.50	39.64	77231.00
	Basic Rate	36.70							
	Area Weightage @ 8%	2.94							
	Total	39.64							
6	KSRRB M500-18: Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. With 80/100 grade bitumen, No. 175/ Item No. 21.20.1/ PWD SR 2012-13	Cum							
	Krishna Temple Road		1	130.00	4.80	0.025	15.60		
	Krishna Temple Road parallel Road		1	140.00	4.50	0.025	15.75		
	Cross Road		1	155.00	4.50	0.025	17.36		

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			1	148.00	4.50	0.025	16.65		
			1	145.00	4.50	0.025	16.31		
			1	140.00	4.50	0.025	15.75		
							48.71	8829.00	430083.00
	Basic Rate	8175.00							
	Area Weightage @ 8%	654.00							
	Total	8829.00							
7	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
						Vide Item No. 1	606.20	72.71	44074.00
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	72.71							
8	Miscellaneous and other Charges	L/S							1781.00
								Total	1000000.00
(Rs. Ten Lakhs Only)									

CERTIFICATE:

- 1 The work spot has been inspected and the work is found necessary.
- 2 This estimate is prepared as per P.W.D S.R of 2012-13.
- 3 The provisions were made in this estimate are necessary and adequate.
- 4 This works come under B.B.M.P. limits.

[Signature]
Assistant Engineer

[Signature]
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

ADMINISTRATIVELY SANCTIONED FOR Rs. **10 Lakhs**

Rupees **Ten Lakhs**

[Signature]
Executive Engineer

Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Under **POW**

Registered as EE () No. 9.....9.....

Subject to conditions contained in

enclosed memo EE () No. **626A** / **POW-13**

Dt. **28/12/2012** Estimate A/Sanctioned

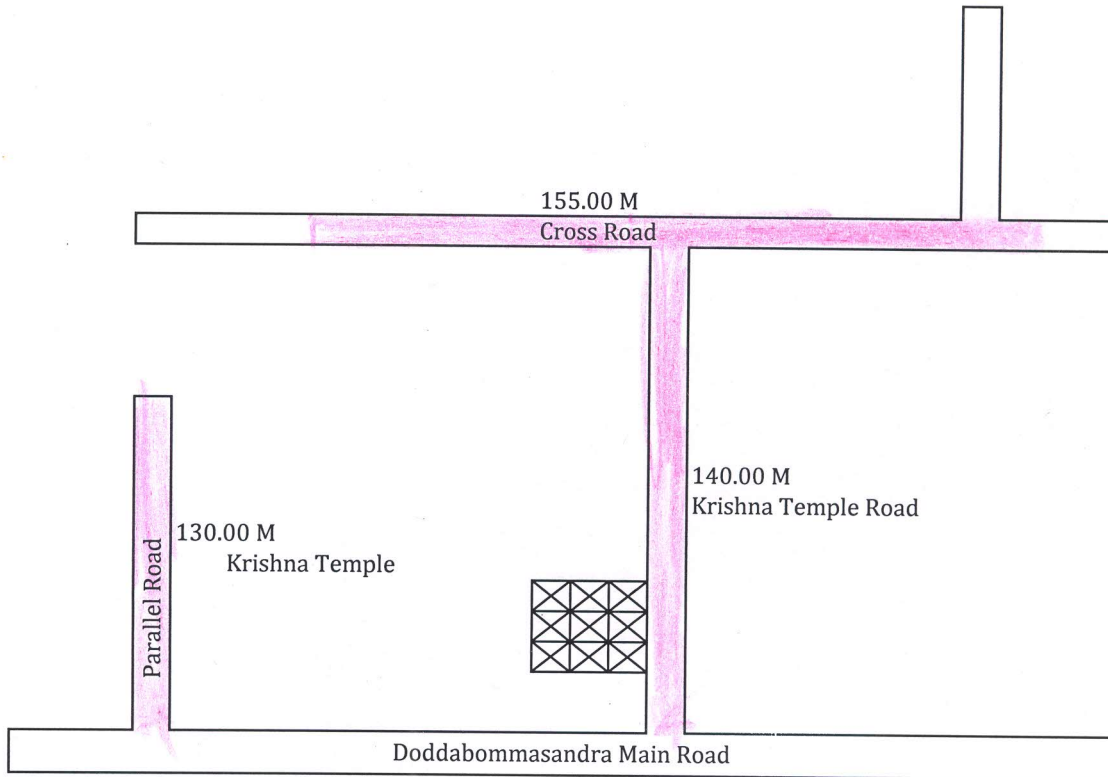
Sd/- A/A No. **626A POW-13**

dated **28/12/2012** Rs. **10 Lakhs**

[Signature]
Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92.

Technical Sanction for Rs. 10 Lakhs	
Ten Lakhs	
under POW	
registered as EE No: 497	Subject to conditions contained enclosed memo.
No: 497 / 12 / 13	Dr. 23-1-13
AE/JE	<i>[Signature]</i> EE (BTP. Div.)

Name of Work: Improvements of Roads and Drain in Main Road and Cross Roads at Doddabommasandra Area Roads in Ward No. 09 (Change of Work: Improvements of Roads and Drains in Main Road and Cross Roads at Krishna Temple Surroundings Roads in Ward No. 09, Vidyaranyapura Sub Division.



 - Asphalt Road


Assistant Engineer
Ward no. 09


Assistant Executive Engineer
Vidyaranyapura Sub Division